,

2017 Statement of Qualifications

Teklab Inc

www.Teklabinc.com

Find us on Facebook, Twitter and LinkedIn

5445 Horseshoe Lake Road, Collinsville, Illinois, 62234

Phone: (618) 344 1004 . Toll Free: (877) 344 1003 . Fax: (618) 344 1005

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INTRODUCTION

Established in 1982, TEKLAB, INC. has grown into a full-service environmental laboratory specializing in drinking water, groundwater, wastewater, sludge, soil, oil, special waste and air testing. We service a variety of clients including industrial, engineering and municipal.

Our commitment to quality assurance is second only to our commitment to safety. As a result of the Teklab Quality Team, our quality control program is continuously improving. Documentation and interpretation of QA/QC data is vital in providing accurate, legally defensible results. Teklab is accredited under NELAP and utilizes the analytical QA/QC and reporting protocols of the US EPA Methods; SW846; 40CFR Part 136; Standard Methods; and ASTM.

Teklab employees pride themselves on their quality of analysis. Once Teklab employee training is complete, each analyst / technician is expected to maintain a standard of knowledge by keeping abreast of methods through publications, Teklab training meetings and outside seminars. Teklab reporting capabilities are continuing to accommodate clients by providing analytical results more efficiently.

With environmental regulations constantly changing, Teklab's management team makes it their responsibility to adjust to the needs of the environmental and industrial community. We welcome present and potential clients to inspect our facility as well as review our extensive QA/QC program. We can be contacted by visiting our website at *www.teklabinc.com or by calling our office at 877-344-1003.*

CUSTOMER SERVICE

Customer Service is key not only to customer satisfaction, but to efficiency within the lab.

Whether the customer presents the samples to the laboratory or a courier service is used, it is important to ensure that the chain of custody is filled out in its entirety. This information is necessary to meet the needs and understand the expectations of each and every client. Should any information be omitted from the chain of custody, it is the role of the Customer Service department to see that the proper information is obtained.

Expedited turnaround is often important to Teklab's clientele. We appreciate advanced notice regarding any quick projects so that we are able to make the appropriate schedule changes or discuss any limitations. Teklab employees will do what it takes within our means to satisfy the needs of all our customers. Each client is assigned a project manager to track samples from the day they are received to the day the client receives results and beyond.

Customer inquiries can be handled at anytime through the Director of Customer Service or Project Managers. Customers should feel free to contact the Director of Customer Service or Project Manager to check on the status of their samples' analysis.

We at Teklab believe that communication with our client is essential to their satisfaction. We welcome and encourage suggestions to improve the services we provide.

Contact Information

John Riley	jhriley@teklabinc.com	(ext. 30)	CEO/Chief Marketing Officer
Jim Riley	jsriley@teklabinc.com	(ext. 15)	President/CFO/Lab Manager
Laurie Langdon	llangdon@teklabinc.com	(ext. 45)	Laboratory Director
Elizabeth Hurley	ehurley@teklabinc.com	(ext. 33)	Director of Customer Service
Stacy Mathis	smathis@teklabinc.com	(ext. 13)	QA/QC Officer
Claire Bogner	cbogner@teklabinc.com	(ext. 13)	QA/QC Officer
Clyde Secord	csecord@teklabinc.com	(ext. 23)	Applications Programmer
Heather Riley	hriley@teklabinc.com	618-344-7697	Dir of Ops, Collinsville Air Lab
Kelly Klostermann	kklostermann@teklabinc.com	618-920-2534	Sales Executive
Randy Seamans	rseamans@teklabinc.com	913-904-2961	Service Manager Kansas City
Paul Reeves	preeves@teklabinc.com	217-836-4753	Customer Service Rep, Springfield IL
Aaron Renner	arenner@teklabinc.com	630-800-8638	Service Manager, Downers Grove, IL

Project Managers: (ext. 4)
Customer Service (ext. 5)
Drinking Water (ext. 6)
Accounting (ext. 7)

Toll free (877) 344-1003
Telephone (618) 344-1004
Facsimile (618) 344-1005
For additional contact information, visit www.teklabinc.com

QUALITY ASSURANCE POLICY AND OBJECTIVES

The overall Quality Assurance objective of Teklab Inc is to develop and implement procedures for chain of custody; laboratory analysis and reporting that will provide results which are legally defensible in a court of law. Specific procedures for chain of custody, laboratory instrument calibration, laboratory analysis, reporting of data, internal quality control, audits, preventive maintenance of equipment and corrective actions are described in our Quality Assurance /Quality Control manual. Guidelines followed are based on the National Environmental Laboratory Accreditation Program (NELAP), US EPA Methods, SW846 Methods, ASTM Methods, Standard Methods and 40 CFR.

The Teklab, Inc. Quality Assurance / Quality Control program must provide technicians, analysts, chemists and managers with the direction and information necessary to consistently produce reliable and valid analytical data. These results are best attained by rigorously following the validated standard operating procedures developed by Teklab and/or universally accepted sources.

Teklab, Inc. currently has three full time people in our Quality Assurance / Quality Control Department with over thirty years experience in the laboratory.

(Quality Assurance / Quality Control manual available upon request)

PERFORMANCE TESTING PROGRAMS

Teklab, Inc. participates in the following PT programs.

PT Sample Program Description	**Analysis Performed**	**Frequency of Participation**
Water Pollution Program (WP) Samples Provided by Environmental Resource Associates and Phenova. NIST-approved PT Providers	All methods performed for: Acidity, Color, Cyanide, Demand, Oil and Grease, Hardness, Hexavalent Chromium, Minerals, Nitrite, Dissolved Oxygen, pH, Phenolics, Settleable Solids, Simple and Complex Nutrients, Sulfide, Surfactants, Total Residual Chlorine, Silica, TOX, Turbidity, Volatile Solids, Low Level Mercury, Mercury, Tin/Titanium, Trace Metals, Acids, Base Neutrals, BTEX/MTBE, Chlordane, DRO, GRO, EDB/DBCP, Herbicides, low level PAHs by GC/MS, PCBs in Oil, PCBs in Water, Pesticides, Toxaphene, TPH, Volatiles	Semiannual
Water Supply Program (WS) Samples Provided by Environmental Resource Associates, a NIST-approved PT Provider	Cyanide, Hardness, Hexavalent Chromium, Inorganics, pH, Nitrite, Nutrients, Residual Chlorine, Silica, Surfactants, Total Organic Carbon, Turbidity, Metals, Mercury, Coliforms, HPC, EDB/DBCP	Semiannual
Underground Storage Tank Program (UST)* Samples Provided by Environmental Resource Associates, a NIST-approved PT Provider	Gasoline, Diesel and BTEX in Soil Gasoline, Diesel, TPH and BTEX in Water *The UST and Hazardous Waste PT studies have now been combined to one single performance evaluation program (SOIL).	Semiannual
Hazardous Waste Program (SOIL) Samples Provided by Environmental Resource Associates and Phenova; NIST-approved PT Providers	Cyanide, Hexavalent Chromium, Ignitability, Corrosivity (pH), Anions, and Nutrients in Soil Trace Metals, Base / Neutrals and Acids, Chlordane, Gasoline, Diesel and BTEX in Soil, Herbicides, Low Level PAHs by GC/MS, PCBs, Pesticides, Toxaphene, Volatiles, Ready-to-Use VOAs,	Semiannual
Air and Emission Program (AE) Samples Provided by Phenova a NIST-approved PT Provider	EPA TO15, Volatile Organic Compounds by GC/MS and EPA TO-13A Modified	Semiannual

PERFORMANCE TESTING SUMMARY

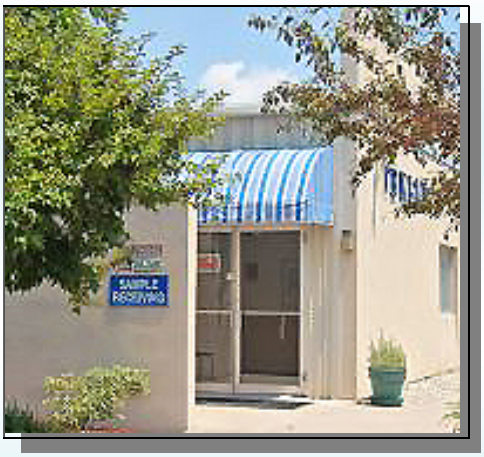
Teklab Inc.'s Performance Testing Summary: 2014-2017 WS, WP, Air, UST & Soil

PT Program	Report Date	# Acceptable	Total Reported	Score (%)
ERA WP234	August 2014	603	605	99.7
ERA Soil87	September 2014	361	362	99.7
ERA WS219	November 2014	73	77	94.8
ERA AE30 - TO15	December 2014	47	47	100
ERA WP240	February 2015	592	595	99.5
ERA Soil89	March 2015	359	360	99.7
ERA WS225	May 2015	83	87	95.4
ERA AE32 - TO13	June 2015	15	16	93.7
ERA AE32 - TO15	June 2015	57	58	98.2
ERA WP246	August 2015	594	595	99.8
ERA Soil91	September 2015	359	351	97.7
ERA WS231	November 2015	73	77	94.8
Phenova AE1015 - TO13	December 2015	16	16	100
Phenova AE1015 - TO15	December 2015	65	65	100
ERA WP252	March 2016	588	597	98
ERA Soil93	March 2016	356	359	99
ERA WS237	May 2016	85	88	96
Phenova AE0416- TO13	June 2016	16	16	100
Phenova AE0416- TO15	June 2016	65	65	100
ERA WP258	September 2016	591	596	99.2
ERA Soil95	September 2016	341	341	100
Phenova HW0716 (Soil)	September 2016	18	18	100
ERA WS243	November 2016	69	73	94
Phenova AE1016 - TO13	December 2016	16	16	100
Phenova AE1016 - TO15	December 2016	65	65	100
ERA WP264	March 2017	592	596	99
Phenova WP0117	March 2017	1	1	100
ERA Soil97	March 2017	337	341	98
Phenova HW0117	March 2017	17	18	94.4
ERA WS249	May 2017	83	85	97
Phenova AE0417 - TO13	June 2017	16	16	100
Phenova AE0417 - TO15	June 2017	65	65	100

Average Score: 98.4%

SAMPLE MANAGEMENT

Sample management is essential to ensure sample integrity and valid data. Samples along with the accompanying chain of custody are evaluated upon arrival at the laboratory to ensure they meet the guidelines set by NELAP / SW846 / EPA Methods and Standard Methods.



Sample Acceptance Policy

Please make sure your sample meets the minimum requirement set out in our sample acceptance policy. The sample acceptance policy is available to sample collectors as well as anyone and can be found online at www.teklabinc.com and on the following page. This policy contains the criteria necessary to ensure your samples are accepted, meet the requirements set by NELAP / SW846 / EPA Methods and Standard Methods, and that the correct information is submitted on the chain of custody. All of which are vital in meeting the needs of you, the client.

We maintain a complete sample tracking record of all documentation related to your samples. This includes chain of custody, notes and electronic transmittals as specified in our QA / QC manual. Reports are saved as pdf files.

Sample Receiving

Sample receiving is open Monday through Friday 8am to 5pm. Other time arrangements can be made to accommodate your needs.

Sample Storage and Disposal

The laboratory provides sample storage facilities that prevent cross-contamination of samples and meet the conditions specified by preservation protocols. All samples are stored in secured areas and at any given time samples can be located throughout the facility utilizing our LIMS (Laboratory Information Management System).

Upon completion of analysis, samples are stored for a minimum of 30 days. Lab packs are done on a bi-monthly basis to dispose of special waste samples and solid waste samples. Arrangements can be made to retain samples for longer periods of time. Please call for pricing.

SAMPLE ACCEPTANCE POLICY

Listed below is an outline of circumstances in which samples will be accepted. If any samples do not comply with the following criteria, the client will be notified and the noncompliance will be noted on the final analytical report.

1. The following information must be on the Chain of Custody:
   - Sample Identification
   - Location and/or Date and Time of Collection
   - Sample collector's name
   - Preservation type
   - Sample type
   - Analytical testing required
   - Any special comments concerning the sample(s), such as required reporting limits
   - Please indicate if the submitted samples are known to be hazardous, or known to be involved in litigation
   - The sample collector and anyone who has possession of the sample MUST sign the chain of custody as an acknowledgement of the terms and conditions listed on the back side of the chain of custody form.
   - Purchase Order and/or special invoicing instructions

2. The sample collector must use durable labels with indelible ink, and each sample must be properly labeled with a unique identification.

3. An adequate amount of sample in the proper containers with the correct preservative for the analyses is required.

4. All analysis have required hold times within which they must be analyzed. In order to adhere to all holding times, samples should be delivered to Teklab as quickly as possible after collection. If samples are received with less than one half of the hold time remaining on the requested analysis, either a surcharge may incur, or the samples may not necessarily be analyzed within the proper hold time.

5. Samples which require thermal preservation at 4°C must arrive with the temperature in the range of above freezing to 6.0°C. Samples received the same day as collection and require thermal preservation at 4°C, must have evidence that the chilling process has begun, such as arrival on ice.

6. Clients will be notified if there are signs of damage or contamination and if the above acceptance criteria are not met. In such cases, Teklab will not proceed with the requested analysis until client verification is received, and all communications are documented.

At Teklab, standard turnaround time for most analytical services is 5 to 7 working days, but this may vary depending on sample volume and current workload. If analytical results are needed sooner, or a project contains a large amount of samples, please contact your project manager to make arrangements in advance.

Contact Teklab if you need a list of hold time, preservative, container, and sample volume requirements.

TURNAROUND TIME

At Teklab, we pride ourselves on meeting turn around time. We realize time is money, so we go the extra mile to make sure that the client's needs are met. Our standard turnaround is five to seven working days with Level II reporting. Verbal or electronic data results are also available. Teklab takes pride in its customer service and is always responsive to customer needs.

QUICK QUALITY SERVICE (QQS) was developed to meet customer's needs. QQS means clients receive results when they request them; in day not weeks. Teklab is set-up to meet customer requests on a timely basis. Currently we run both a first and second shift to ensure that all work is done in the most efficient manner possible. Please review the numbers below and take note of the average days to complete analysis. We are the leaders in the industry when it comes to turn around.

We ask that when possible all QQS be scheduled with the your project manager. This advanced notice will help you the client receive your results in a timelier manner.

The table listed below shows the number of test and work orders Teklab performed in 2016. Teklab takes pride in the last column that shows on average the number of day it takes to complete and report analysis.

WORK LOAD vs. TURN AROUND PERFORMANCE

Date Received	Number of Work Orders	Number of Tests	Average days to complete analysis
Jan-16	1636	15274	3.14
Feb-16	1629	15076	3.27
Mar-16	1934	22827	3.47
Apr-16	1852	22583	3.41
May-16	1871	22174	3.82
Jun-16	1920	24194	3.78
Jul-16	1824	17602	3.56
Aug-16	1983	21768	3.73
Sep-16	2066	26909	4.54*
Oct-16	1802	23216	4.34*
Nov-16	1855	24480	4.23*
Dec-16	1745	22961	4.04*

*8,000 spl drinking water lead project

Average: 3.78 days

OTHER SERVICES

Sample Pick-up

Currently Teklab offers sample pick-up in Kansas City (MO & KS), the Chicago Metropolitan area, St. Louis (MO) and Central & Southern IL. All couriers are employees of Teklab, with experience in handling environmental samples and providing paper work to insure custody of your samples. For samples that are shipped, our Customer Service department will provide the proper packing material needed for shipping.

For pick-up service:

- St. Louis Area call 618-344-1004 (ext. 34)
- Kansas City, MO/KS 913-904-8961
- Springfield, IL 217-836-4753
- Downers Grove, IL (Chicago Metro) 630-800-8638

Field Services

Teklab's field sampling department can assist you with your groundwater, surface water and wastewater sampling. Teklab's sampling crew uses ATV along with four wheel drive trucks when needed to ensure the event is completed on time, in any weather condition. Field parameters (pH, specific conductance, and temperature) are monitored to ensure real time data.

Please call if you have any questions regarding the following services:

Quantity Discount

Written Price Quotation

Sample Containers "FREE"

Sample Pick-up Service

LIMS

TEKLAB, INC. utilizes a **L**aboratory **I**nformation **M**anagement **S**ystem (LIMS) for receiving, tracking, reporting, validating, invoicing and disposal of samples.

The LIMS called Omega©, purchased from The KHEMIA Company is a state-of-the-art system, designed specifically for an environmental laboratory. Analytical data is generated from the instruments and this data is electronically transferred into our Microsoft SQL based LIMs. All data is generated from our Microsoft SQL master data file to ensure consistency with results, rounding, and significant figures between electronic and hardcopy formats. This provides consistent reporting throughout our laboratory.

Project managers have access to your entire project to stay current on its status. The LIMS system will generate hard copies when the project is complete, however your project manager can access data at any time. Quotations are linked directly per project and invoices are generated from the LIMS system. Client's specific QC reports can be generated to fit needs on a project by project basis.

EDD

Electronic Data Deliverables are available in a variety of formats, please call with specifics or email the format to csecord@teklabinc.com or your project manager.

GO PAPERLESS

You can have all your reports done electronically and emailed or written to a CD. This includes chain of custodies, invoices, analytical results and quality assurance packages. Feel free to speak with your project manager regarding going paperless.

AFFILIATIONS/CERTIFICATIONS

United States EPA performance Evaluation Program: # IL00054
NELAP Accredited for Drinking Water, Wastewater, Soil and Air.
Scopes of accreditation can be found at www.teklabinc.com

State of Illinois NELAP Certification # 100226

State of Kansas KDHE (NELAP) # E-10374

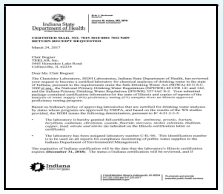
State of Louisiana LDEQ (NELAP) # 166493 (TO13)

State of Louisiana LDEQ (NELAP) # 166578 (TO15)

State of Texas TCEQ (NELAP) # T104704515-12-1

State of Arkansas ADEQ # 88-0966

State of Illinois Department of Public Health
IDPH Certification # 17584



State of Indiana Department of Health
ISDH Certification # C-IL-06

AFFILIATIONS/CERTIFICATIONS

continued

State of Kentucky Department of Environmental Protection
KDEP Certification # 98006

State of Kentucky DNR
Department for Environmental Protection # 0073

State of Louisiana DHPH
Department of Health Office of Public health # LA170027

State of Missouri Department of Natural Resources
MDNR Certification # 00930

State of Oklahoma ODEQ - # 9978

State of Tennessee Division of Water Resources
Certification # TN04905

Many States are without a Certification for RCRA, UST and Wastewater that we do work in routinely like Missouri and Indiana. If you have questions, please give us a call.

American Chemical Society
Air & Waste Management Association
Gateway Society of Hazardous Material Management
Southern Illinois Environmental Managers Association
Southern Illinois Water Operators Association
MISKA Valley Water Pollution Control Association

FACILITY

After 20 years we are starting to outgrow our current building and have expanded our operations here in Collinsville by moving our Air analysis to a facility close to our main laboratory.

(Teklab moved into current facility on October 9, 1996.)

Property:	8 acres at 5445 Horseshoe Lake Road, Collinsville, Illinois, 62234
Square footage:	13,000 sq. one level (Main Collinsville Laboratory) 1,500 sq. (Air Laboratory)
Fume Hoods:	4 – Large hoods 3 – Large canopy hoods 4 – Small hoods Numerous vents for instruments
HV system:	5 separate HV systems Volatile Organic Analysis cannot be accessed through main lab, to ensure the integrity of the sample.
Refrigeration:	Walk-In cooler Numerous refrigerators of all sizes throughout the building.
Computer System:	Laboratory Information Management System (LIMS) Omega© Purchased from the KHEMIA Company

Other Locations

Collinsville Air Laboratory
1355 N. Bluff road, Collinsville, IL 62234

Springfield, IL Service Center
3920 Pintail Drive, Suite A Springfield, IL 62711

Kansas City Service Center
8421 Nieman Road Lenexa, KS 66214

Chicago Area Service Center
1319 Butterfield Road – Suite 502, Downers Grove, IL 60515

EQUIPMENT LIST

Teklab's instruments are selected from reputable manufacturers based upon reliability, automation, maintenance, ease of operation and the ability to perform within the precision and accuracy criteria established per methodology. Our commitment to both our clients and our employees is reflected by our investment in our equipment and our facility. Teklab's quality assurance plan along with our standard operating procedures requires that these instruments receive regular scheduled maintenance to ensure reliability. Teklab maintains an inventory of spare parts to minimize any down time that may occur.

Major Instrumentation Summary

Instruments	Quantity
GC/MS	16
GC	10
ICP	2
ICP/MS	2
Mercury Analyzer	2
TOX	1
Auto Analyzer	4

Teklab also maintains a large and well-equipped Inorganic department capable of meeting your needs. We pride ourselves in our ability to make our Inorganic department the most efficient wet laboratory in the industry.

We welcome present and potential clients to inspect our facility, as well as review our extensive QA/QC program.

CLIENT SERVICE REPRESENTATIVES

Collinsville Office

John H. Riley --- CEO/Chief Marketing Officer (Started at Teklab 12/1992)
BA Economics/Business Management, Eastern Illinois University
Experience with Teklab:
V-P Business Development
Sales and Marketing
Project Manager
Inorganic Wet Chem lab

James S. Riley --- President/CFO/ Lab Manager (Started at Teklab 8/1992)
BS Chemical Engineering, University of Missouri, Rolla
Experience:
Chemical Engineer for Dow Chemical
US Army 1st Lieutenant - Aberdeen Proving Grounds
Illinois Department of Transportation
- Laboratory Technician

Laurie Langdon --- Laboratory Director (Started at Teklab 10/2006)
BS Phys-Ed, Western Illinois University Macomb
Experience with Teklab:
2011 Metals Dept Supervisor
2006 Metals Analyst

Stacy Mathis --- Quality Officer (Started at Teklab 11/1996)
Associates in Science, Belleville College
Experience with Teklab:
2006 Quality Assurance Specialist
1999 Metals Analyst ICP
1998 Metals Technician
1997 Inorganics Technician
1996 Metals Prep Technician

Claire Bogner --- Quality Officer (Started at Teklab 4/2006)
BSc Psychology, University of Stirling
Experience with Teklab:
Accreditation Officer
Document Control Specialist

CLIENT SERVICE REPRESENTATIVES

Continued

Collinsville Office (cont)

Tim Mathis -- Supervisor of Field Operations (Started at Teklab 1/2008)

Experience with Teklab:

- Customer Service Supervisor
- Environmental Coordinator
- Inorganic Technician

Elizabeth Hurley --- Director of Customer Service (Started at Teklab 3/2003)

Associates in History, Southwestern Illinois College

Experience with Teklab:

- Project Management Supervisor
- Project Manager
- Sample Receiving Supervisor
- Log-in Specialist

Michael L. Austin --- Project Manager (Started at Teklab 1982)

BS Ecology/Chemistry, Southern Illinois University, Edwardsville

Experience with Teklab:

- Director of Customer Service
- Director of Operations
- Project Manager
- Lab Technician

Shelly Hennessy --- Project Manager (Started at Teklab 10/1999)

Masters degree Environmental Science, Southern Illinois University Edwardsville
Bachelor degree in Environmental Biology, Eastern Illinois University

Experience with Teklab:

- Sample Receiving Supervisor
- Log-in Specialist

Marvin Darling--- Project Manager (Started at Teklab 8/2004)

BA Pharmaceutical Prep. Westminster College, Missouri

Experience with Teklab:

- Sample Receiving Supervisor
- Login-In Specialist
- Inorganic Technician
- Organics Technician

Emily Pohlman--- Project Manager (Started at Teklab 3/2012)

BSc Earth Science. Rice University, Texas

Experience with Teklab:

- Customer Service Specialist
- Inorganic Technician

CLIENT SERVICE REPRESENTATIVES

Continued

Sales

Kelly A. Klostermann --- Senior Sales Executive (Started at Teklab 1/1997)
Bachelor degree in Biology, Southern Illinois University Edwardsville
Associate of Science, Kaskaskia College

Experience with Teklab:

- Project Manager
- Sample Receiving Supervisor
- Log-in specialist
- GC/MS operator in Volatile department
- Organic prep and Metals prep Technician

Collinsville Air Laboratory

Heather Riley - Director of Operations and analyst (Started at Teklab 2000)
BS – Agricultural Business

Experience with Teklab:

- Director of Operations and analyst for TO15 – Collinsville Air laboratory
- Customer Service Supervisor
- Metals Supervisor
- VOA Analyst
- Organic Analyst
- Organic Technician

CLIENT SERVICE REPRESENTATIVES

Continued

Springfield Service Center

Paul Reeves – Customer Service Representative (Started at Teklab 2015)
Experience: Lead Environmental Services Technician
Communications Systems Analyst
Communications Supervisor
Aviation Structural Mechanic

Lenexa Service Center

Randy Seamans – Regional Customer Service Manager (Started at Teklab 2006)
Experience: 02/04-12/06 - Severn Trent Laboratories; Kansas City Service Center Manager
11/99-02/04 - Office Depot; Shipping and Receiving Manager
05/99-10/99 - Kohl's Department Store; Houseware Department Lead
09/92-05/99 - Service Merchandise; Assist Warehouse Manager / Dept Manager

Downers Grove Office

Aaron Renner – Regional Customer Service Manager (Started at Teklab 3/2015)
BS Molecular & Cellular Biology, University of Illinois at Urbana-Champaign
Experience: 3/13 – 7/13 Organic Chemistry Technician, Teklab Inc.
7/13 – 8/15 Inorganic Chemistry Analyst, Teklab Inc.

Contact Information

Collinsville
Toll Free # (877) 344-1003
Phone # (618) 344-1004 Fax # (618) 344-1005

Collinsville, IL Air Laboratory
Phone # (618) 344-7697

Springfield, IL
Phone # (217) 836-47531004 Fax # (217) 698-1005

Chicago, IL
Phone # (630) 800-8638

Lenexa, KS
Phone # (913) 541-1998

WWW.TEKLABINC.COM

TEKLAB's TESTING CAPABILITIES

PHYSICAL/CHEMICAL

Acidity
Alkalinity
BOD (5 day)
CBOD (5day)
Boron
Bromide
Calcium Carbonate-Equivalent
Cation Exchange Capacity
Chloride
Chlorine, Total Residual
Chlorine Demand
COD
Color
Conductivity
Chromium, Hexavalent
Cyanide (T.,R., A. and WAD)
Flash Point
Fluoride
Hardness
Nitrogen, Ammonia
Nitrogen, Nitrate
Nitrogen, Nitrate-Nitrite
Nitrogen, Organic
Nitrogen, Total Kjeldahl
Fat, Oil & Grease
Oil & Grease
Oxygen, dissolved
Paint Filter
pH
Phenols
Phosphorus Total
Phosphorus Ortho
Silica
Specific Gravity
Sulfate
Sulfide
Sulfite
Surfactant
Total Organic Carbons
T. Organic Halogen
Total Solids
T. Suspended Solids
T. Dissolved Solids
Total Volatile Solids
Turbidity
Volatile Acids

TRACE METALS

Aluminum
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium
Calcium
Chromium, Total
Chromium, Hexavalent
Chromium, Trivalent
Cobalt
Copper
Iron
Lead
Lithium
Magnesium
Manganese
Mercury (Cold vapor)
Mercury (Low Level)
Molybdenum
Nickel
Phosphorous
Potassium
Selenium
Silver
Sodium
Thallium
Tin
Titanium
Vanadium
Zinc

Mercury can now be reported down to ppt levels

EXTRACTIONS

TCPL SW 846 1311
Shake ASTM D3987
SPLP SW 846 1312
Zero Head Space
Slurry E600

TEKLAB'S TESTING CAPABILTIES

Continued

ORGANIC ANALYSIS

Volatile Organic Analysis (8260, 624)
(5030/5035)
Total Extractable Hydrocarbons / TPH
(Fuel Finger Printing) Modified 8015
Semi-Volatile Organic Analysis (8270,625)
Base Neutral Compounds
Acid Extractable Compounds
SVOC - 8270 SIMS
PCB
Pesticide
Oxygenates
TCLP Benzene
EDB / DBCP
Alcohol's
1,4 – Dioxane
Polynuclear Aromatic Hydrocarbons (8270 SIMS)
F-Code Solvent Scan
Total Organic Halides EOX/TX/TOX
Herbicides

UNDERGROUND TANK TESTING

BTEX (GC/MS 8260 / 5030 or 5035)
PNA (GC/MS 8270)
Total Petroleum Hydrocarbons
Method 8015M, GC (Fuel Finger Printing)
Skinner List (Crude Oil)
Flash Point
TCLP Lead
Oxygenates / GRO (GC/MS 8260)
DRO / ORO / PNA (GC/MS 8270)
OA1
BTEX, MTBE & GRO (GC/MS 8260)
OA2
TPH & DRO (GC 8015)
Ethanol & Methanol

PHARMACEUTICAL

Point Source Category / Wastewater
EPA Method 1666A
EPA Method 524
EPA Method 1671A

BACTERIOLOGICAL ANALYSIS

Standard Plate Count
Total Coliform (MF)
Fecal Coliform (MF)

AIR ANALYSIS

TO-15, Volatile Organic Compounds by GC/MS
EPA TO-13A Modified
Method 7473 Mercury in Sorbent Traps
Particulate Matter as PM10

WASTE CHARACTERIZATION

RCRA/TCLP

Total Solids
pH
Phenols (Total)
Cyanide (Total)
Cyanide (Reactive)
Sulfide (Total)
Sulfide (Reactive)
Total Organic Halogen
Flash Point
Paint Filter
% Acidity / Alkalinity
Arsenic
Barium
Cadmium
Chromium (Total)
Chromium (Hexavalent)
Lead
Mercury
Selenium
Silver

VOLATILE ORGANIC ANALYSIS

Benzene
Carbon Tetrachloride
Chlorobenzene
1,2 Dichloroethane
1,1 Dichloroethylene
Methyl Ethyl Ketone
Tetrachloroethylene
Trichloroethylene
Vinyl Chloride

INCINERATION PROFILE

BTU
% Chlorine
% Sulfur
% Ash

BASE NEUTRALS

1,4 Dichlorobenzene
2,4 Dinitrotoluene
Hexachlorobenzene
Hexachlorobutadiene
Hexachloroethane
Nitrobenzene
Pyridine

ACID EXTRACTABLES

o-Cresol
m-Cresol
p-Cresol
Cresol
Pentachlorophenol
2,4,5 Trichlorophenol
2,4,6 Trichlorophenol

PESTICIDES / HERBICIDES

Chlordane
Endrin
Heptachlor
Heptachlor Expoxide
Lindane
Methoxychlor
Toxaphene
2,4 D
Silvex

TCLP Extraction
Zero Headspace Extraction